



NOTES:
SOUNDINGS ARE EXPRESSED IN FEET AND TENTHS AND REFER TO POOL LEVELS (DAM CRESTS) ABOVE LOCK AND DAM NO. 1, MILE NO. 38.6, AND MLW DOWN STREAM OF THAT POINT, 3" AT LOWER POOL LEVEL - 0" MLW BALDHEAD DATUM.
PROJECT SURVEYED WITH DISTRICT SURVEY VESSEL "HEWITT", USING D.G.P.S. HORIZONTAL POSITIONING EQUIPMENT AND 200 KHZ SOUNDING EQUIPMENT.
TIDE GAGE LOCATED AT: LOCK & DAM #1
ALL DISTANCES SHOWN ARE HORIZONTAL GROUND DISTANCES EXCEPT AS NOTED. GRID FACTOR IS 0.99984654.
NC GRID NAD 83 COORDINATES FOR COE 001 AND COE 1-3 OBTAINED OPS REPORT TITLED "CORPS OF ENGINEERS - U.S. ARMY LOCK AND DAM NUMBER 1, 2, AND 3 CAPE FEAR RIVER" BY CONCORD ENGINEERING AND SURVEYING, INC. DATED 8-9-94 (CESI JOB NO. 94-07-06).
THIS PROJECT WAS DESIGNED BY THE WILMINGTON DISTRICT OF THE U.S. ARMY CORPS OF ENGINEERS. THE INITIALS OR SIGNATURES AND REGISTRATION DESIGNATIONS OF INDIVIDUALS APPEAR ON THESE PROJECT DOCUMENTS WITHIN THE SCOPE OF THEIR EMPLOYMENT AS REQUIRED BY ER 1110-1-0152.
THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATE INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME, BECAUSE THESE CONDITIONS ARE SUBJECT TO RAPID CHANGE DUE TO SHOALING EVENTS. A PRUDENT MARINER SHOULD NOT RELY EXCLUSIVELY ON THE INFORMATION PROVIDED HERE.

DESCRIPTION	EASTING	NORTHING	LATITUDE	LONGITUDE
DANGER BOUY	2213388	238767	34 24.23693	78 17.55572
SHALLOW WATER BOUY	2213395	238519	34 24.19579	78 17.55650

CONDITION SURVEY

SYMBOL		DESCRIPTIONS	DATE	APPROVED
REVISIONS				
SURVEYED BY:		U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS WILMINGTON, NORTH CAROLINA		
DRAWN BY:		CAPE FEAR RIVER, N.C., ABOVE WILMINGTON		
CHECKED BY:		US ARMY CORPS OF ENGINEERS		
REVIEWED BY:		LOCK & DAM NO. 1		
APPROVED BY:		SCALE: 1" = 1000'	PLATE NUMBER:	SURVEYED: 14 AUG 2003
CHIEF, NAVIGATION BRANCH		DATE: 10 SEP 2003		
		MAP FILE NO. CFA 105-03-10		SHEET OF